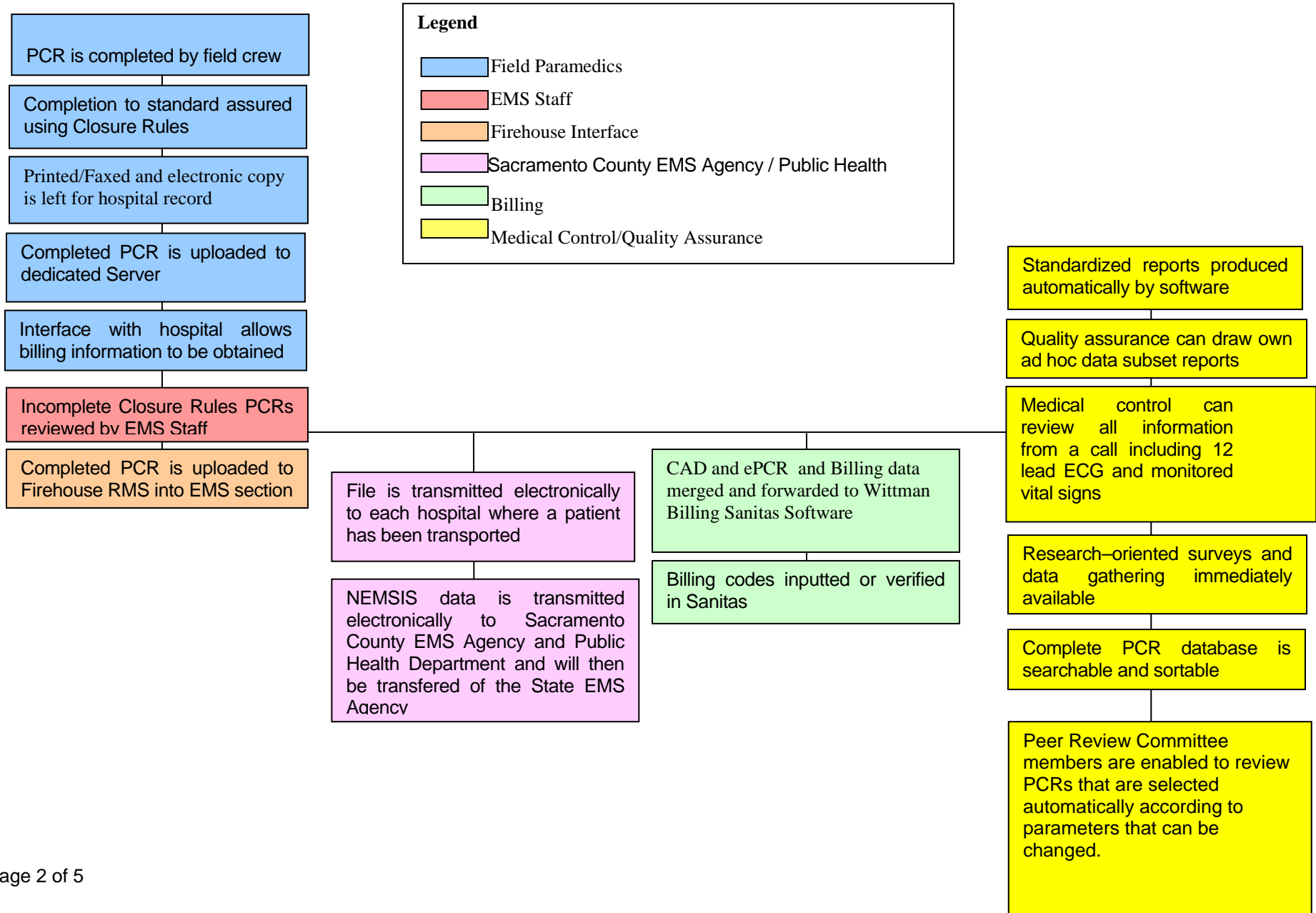**Reference Document for ePCR RFP – Sacramento Metropolitan Fire District**

## Reference A – Sacramento Metropolitan Fire District EMS Statistics

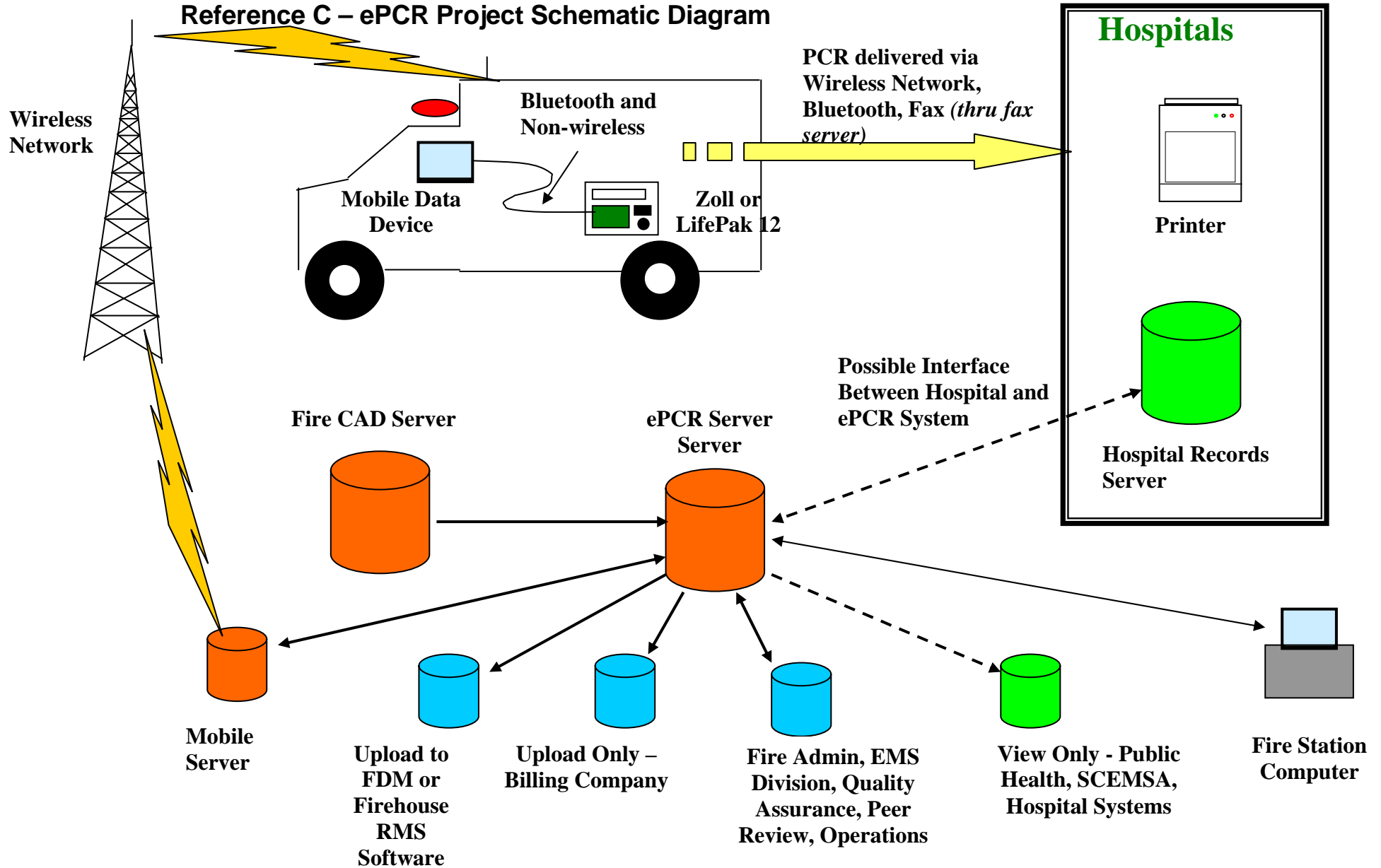| Sacramento Metropolitan Fire District EMS Profile | Volume |
|---|---|
| Ambulances (Reserves) | 15 (5) |
| Fire Stations where shifts begin and end, and connectivity is expected | 40 |
| Destinations (Hospitals) where fax connectivity is expected immediately with eventual interface to gather billing information | 11 |
| Main Support Office | 5 |
| Paramedics | 300 |
| Battalion Chiefs | 15 |
| Deputy/Assistant Chiefs | 4 |
| Administrative staff requiring access | 2 |
| Quality Assurance staff | 1 |
| EMS Division staff requiring access | 7 |
| Annual call volume– averaged numbers | 65,000 |
| Geography serviced (includes urban and rural populations) | 400 square miles |

## Reference B - Anatomy of PCR Processing – Electronic Patient Data Capture

**Legend**

- Field Paramedics (blue)
- EMS Staff (red)
- Firehouse Interface (orange)
- Sacramento County EMS Agency / Public Health (pink)
- Billing (green)
- Medical Control/Quality Assurance (yellow)

**Field Paramedics:**
- PCR is completed by field crew
- Completion to standard assured using Closure Rules
- Printed/Faxed and electronic copy is left for hospital record
- Completed PCR is uploaded to dedicated Server
- Interface with hospital allows billing information to be obtained

**EMS Staff:**
- Incomplete Closure Rules PCRs reviewed by EMS Staff

**Firehouse Interface:**
- Completed PCR is uploaded to Firehouse RMS into EMS section

**Sacramento County EMS Agency / Public Health:**
- File is transmitted electronically to each hospital where a patient has been transported
- NEMSIS data is transmitted electronically to Sacramento County EMS Agency and Public Health Department and will then be transfered of the State EMS Agency

**Billing:**
- CAD and ePCR and Billing data merged and forwarded to Wittman Billing Sanitas Software
- Billing codes inputted or verified in Sanitas

**Medical Control/Quality Assurance:**
- Standardized reports produced automatically by software
- Quality assurance can draw own ad hoc data subset reports
- Medical control can review all information from a call including 12 lead ECG and monitored vital signs
- Research–oriented surveys and data gathering immediately available
- Complete PCR database is searchable and sortable
- Peer Review Committee members are enabled to review PCRs that are selected automatically according to parameters that can be changed.

**Reference Document for ePCR RFP – Sacramento Metropolitan Fire District**

## Reference C – ePCR Project Schematic Diagram

**Hospitals**

**Wireless Network**

**Bluetooth and Non-wireless**

**PCR delivered via Wireless Network, Bluetooth, Fax** *(thru fax server)*

**Mobile Data Device**

**Zoll or LifePak 12**

**Printer**

**Fire CAD Server**

**ePCR Server Server**

**Possible Interface Between Hospital and ePCR System**

**Hospital Records Server**

**Mobile Server**

**Upload to FDM or Firehouse RMS Software**

**Upload Only – Billing Company**

**Fire Admin, EMS Division, Quality Assurance, Peer Review, Operations**

**View Only - Public Health, SCEMSA, Hospital Systems**

**Fire Station Computer**

# 1. Reference D- CAD Interface Data Points

| Field Name | Width | Description of Data | Notes |
|---|---|---|---|
| Incident | 9 | Master Incident Number | |
| CreationDt | 6 | Creation Date of Incident | |
| CreationTm | 6 | Creation Time of Incident | |
| CloseDt | 6 | Date Incident was closed | |
| CloseTm | 6 | Time Incident was closed | |
| DispDt | 6 | Date of Unit dispatch | |
| DispTm | 6 | Time of Unit dispatch | |
| EnrDt | 6 | Date of Unit Enroute | |
| EnrTm | 6 | Time of Unit Enroute | |
| OnsDt | 6 | Date of Unit Onscene | |
| OnsTm | 6 | Time of Unit Onscene | |
| TransportDt | 6 | Date of Unit Transport Initiated | |
| TransportTm | 6 | Time of Unit Transport Initiated | |
| TransportCompleteDt | 6 | Date of Unit Transport Complete | |
| TransportCompleteTm | 6 | Time of Unit Transport Complete | |
| Zone | 8 | Fire Geographical Zone | |
| LocationDesc | 32 | Location of Party Contacting 911 | |
| Callback | 10 | Number Used to Contact 911 | |
| Travel | 1 | Vehicle Code Unit Dispatched to Scene | |
| SuggReduced | 6 | Updated Dispatch Code | |
| SuggInitial | 6 | Initial Dispatch Code | |
| Type | 6 | Type of Dispatch | Fire, Med, OPS |
| Text1 | 70 | Dispatch Notes Text 1 | Notes from dispatch |
| Text2 | 70 | Dispatch Notes Text 2 | |
| Text3 | 70 | Dispatch Notes Text 3 | |
| Jur | 2 | Fire District Jurisdiction | |
| EngOnsDt | 6 | Date First Engine Onscene | |
| EngOnsTm | 6 | Time First Engine Onscene | |
| ChiefOnsDt | 6 | Date Chief Officer Onscene | |
| ChiefOnsTm | 6 | Time Chief Officer Onscene | |
| AmbOnsDt | 6 | Date First Ambulance Onscene | |
| AmbOnsTm | 6 | Time First Ambulance Onscene | |
| AlsOnsDt | 6 | Date First ALS Onscene | |
| AlsOnsTm | 6 | Time First ALS Onscene | |
| RPName | 23 | Reporting Parties Name | |
| RPAddr | 39 | Reporting Parties Address | |
| RPTelco | 10 | Reporting Parties Telephone Number | |
| CHD-LOCN | 39 | Address of Incident | |
| CHD-CP | 39 | Common Place Associated with Address | Parks, schools, public buildings |
| CHD-LOCI | 32 | Location landmarks | |
| CHD-XSTD | 78 | Location Cross Streets | |
| CHD-LGRP | 3 | Battalion Identifier | |
| City | 3 | City where incident occurred | |

| Field | Length | Description | Notes |
|---|---|---|---|
| TBMap | 7 | Thomas Brother Map Coordinates | |
| Latitude | 10 | Latitude | |
| Longitude | 11 | Longitude | |
| InitialType | 6 | Initial Patient Medical Dispatch Priority Category | This field needs to be divided into two categories - One contains general category which is numeric only, and the second category which contains a letter-numeric identifiers |
| FinalType | 6 | Final Patient Medical Dispatch Priority Category | This field needs to be divided into two categories - One contains general category which is numeric only, and the second category which contains a letter-numeric identifiers |
| TypeDescription | 25 | Description of the Patient Medical Dispatch Subcategory | |
| FirstArrUnit | 8 | First Unit to arrive on scene | |
| RuralFlag | 1 | Rural Geographical Location | |
| Shift | 1 | Shift | A, B, or C |
| Segment | 6 | Unit times and dates for the following: Dispatched by 2ndary PSAP, Enroute, Onscene, Transport Code 2 or 3, Upgrade Transport Code, Transport Completed to Destination, Available on Radio, Call Closed, Available in Quarters | This field supples many times/dates specific to units on the call |